

Vulnerability Assessment & Scenario Planning Workshop

Monday and Tuesday, January 9-10, 2017

Time:

Monday, January 9: 9:00am – 4:00pm

Tuesday, January 10: 9:00am – 3:00pm

Lunch, snacks, and coffee will be provided both days.

Location:

Institute of Pacific Islands Forestry Conference Room

60 Nowelo Street

Hilo, HI

Workshop Goals:

1. Assess the vulnerability to climate change of a suite of stakeholder-identified habitats and ecosystem services, with the intention of subsequently developing adaptation strategies for these resources and addressing key management questions of stakeholders.
2. Provide vulnerability assessment training, resources, support, and tools to participants to extend this process to similar efforts in their own work.
3. Develop a common understanding of the range of possible future conditions for the island of Hawai'i and what those conditions could mean for habitats.

Workshop Objectives:

1. Provide participants with baseline knowledge and understanding of climate trends (current, historic, projected future) for the island of Hawai'i.
2. Assess vulnerabilities of habitats and ecosystem services to climate change including sensitivity, exposure, and adaptive capacity.
3. Review and select associated climate drivers important for habitats, and develop alternative future scenarios.
4. Discuss how alternative future scenarios could impact habitats.

All workshop materials can be found online at:

<http://ecoadapt.org/workshops/hawaii-vulnerability-workshop>



Day 1: Monday, January 9th

TIME	AGENDA ITEM	PRESENTER(S)
8:45	Arrivals, Coffee, and Small Group Sign-ups	
9:00	<p>Welcome and Opening Remarks</p> <ul style="list-style-type: none"> • Introduce EcoAdapt and Pacific Islands Climate Change Cooperative (PICCC) • Review project goals, objectives, and outcomes • <u>This workshop</u>: Vulnerability Assessment and Scenario Planning • <u>Next workshop</u>: Adaptation Strategies <p>Agenda Review and Ground Rules for Discussion</p> <p>Introductions</p> <p><i>Objective: Introduce EcoAdapt and the Pacific Islands Climate Change Cooperative, and explain why we are leading this effort. Introduce participants to one another.</i></p>	<p>Jeff Burgett, Pacific Islands Climate Change Cooperative (PICCC)</p> <p>Wendy Miles, PICCC</p> <p>Rachel Gregg, EcoAdapt</p> <p>All Participants</p>
9:30	<p>Climate Trends for Hawai'i</p> <ul style="list-style-type: none"> • Summarize historical, current, and projected changes for the island of Hawai'i • Questions, comments, and discussion <p><i>Objective: Provide participants with background information on climate trends for the island of Hawai'i</i></p>	<p>Jeff</p> <p>All Participants</p>
9:50	<p>Introduction to Vulnerability Assessments</p> <ul style="list-style-type: none"> • Summarize the purpose of vulnerability assessments and introduce the steps and primary components • Questions, comments, and discussion <p><i>Objectives: Ensure participants are familiar with the basic components and steps of vulnerability assessments.</i></p>	<p>Jessi Kershner, EcoAdapt</p> <p>All Participants</p>
10:10	<p>Small Group Work: Define Habitats</p> <p><i>Objective: Describe and define key ecological and cultural characteristics of habitats.</i></p>	All Participants



TIME	AGENDA ITEM	PRESENTER(S)
10:30	<p>Vulnerability Assessment of HABITATS, Part 1</p> <ul style="list-style-type: none"> • Explain worksheets for breakout groups • Complete worksheets in small groups for habitats: sensitivity and adaptive capacity • Discuss overall vulnerability of habitats <p><i>Objective: Have small groups assess vulnerability for each identified habitat.</i></p>	<p>Jessi</p> <p>All Participants</p>
12:00 pm	LUNCH (provided)	
12:45	<p>Vulnerability Assessment of HABITATS, Part 2</p> <ul style="list-style-type: none"> • Continue working on habitat worksheets 	All Participants
2:00	<p>BREAK Plus Poster Session</p> <p><i>Objective: Participants to browse other habitats' rankings and provide comments/suggestions for consideration</i></p>	All Participants
2:30	<p>Vulnerability Assessment of HABITATS: Report Back</p> <ul style="list-style-type: none"> • Report-outs and plenary discussion <p><i>Objective: Breakout groups report back to share habitat vulnerability assessment findings with all participants and discuss rankings. Address comments/suggestions from poster session.</i></p>	<p>Small Group Reporters</p> <p>All Participants</p>
3:15	<p>Practical Applications, Upcoming Workshop, and Next Day Preview</p> <ul style="list-style-type: none"> • Provide case study examples of moving from vulnerability assessments to developing adaptation strategies • Discuss content of upcoming workshop • Provide participants with a preview of the next day's activities <p><i>Objective: Discuss how the vulnerability assessments just completed will inform adaptation strategies and provide case study examples that move from vulnerability to adaptation. Summarize the next day's activities.</i></p>	Rachel
4:00	ADJOURN	



Day 2: Tuesday, January 10th

TIME	AGENDA ITEM	PRESENTER(S)
8:45	Arrivals, Coffee, and Small Group Sign-ups	
9:00	<p>Opening Comments and Introductions</p> <p><i>Objective: Review the day's structure and objectives. Introduce new participants to one another.</i></p>	Rachel
9:15	<p>Vulnerability Assessment of ECOSYSTEM SERVICES</p> <ul style="list-style-type: none"> • Explain worksheets for breakout groups • Complete worksheets in small groups for ecosystem services: sensitivity and exposure, adaptive capacity • Discuss overall vulnerability of services <p><i>Objective: Have small groups assess vulnerability for each identified ecosystem service.</i></p>	<p>Jessi</p> <p>All Participants</p>
10:30	<p>Introduction to Scenario Planning</p> <ul style="list-style-type: none"> • Review overall project process and where this fits • Review purpose and steps of scenario planning • Present an example case study • Questions, comments, and discussion <p><i>Objective: Provide participants with background information and understanding of scenario planning.</i></p>	<p>Rachel</p> <p>All Participants</p>
10:45	<p>Scenario Planning: Select Climate Drivers</p> <ul style="list-style-type: none"> • Explain worksheets for breakout groups • In small groups, review climate drivers (table provided) and choose drivers most important for your habitats <p><i>Objectives: Discuss and identify which climate drivers are most important for habitats discussed the previous day.</i></p>	<p>Jessi</p> <p>All Participants</p>
11:15	<p>Scenario Planning: Discuss Impacts on Habitats</p> <ul style="list-style-type: none"> • Discuss possible impacts of each alternative future scenario on habitats <p><i>Objectives: Identify the possible impacts of each future scenario on habitats.</i></p>	All Participants
12:00	LUNCH (provided)	



TIME	AGENDA ITEM	PRESENTER(S)
12:45	<p>Scenario Planning: Identify Management Options</p> <ul style="list-style-type: none"> • Present an example case study • Brainstorm management opportunities under each scenario. Identify common options across multiple scenarios. <p><i>Objectives: Identify the possible management options under each future scenario.</i></p>	<p>Rachel</p> <p>All Participants</p>
2:00	<p>Scenario Planning: Impacts and Management Options Report Back</p> <ul style="list-style-type: none"> • Poster session to share impacts and management options <p><i>Objective: Share summaries of the possible impacts of each future scenario on habitats and potential management options.</i></p>	<p>Small Group Reporters</p> <p>All Participants</p>
2:30	<p>Workshop Wrap-Up and Next Steps</p> <ul style="list-style-type: none"> • Review next steps in project process • Closing remarks • Post-workshop survey <p><i>Objective: Summarize next steps in the project. Have participants fill out a post-workshop evaluation survey.</i></p>	<p>Rachel</p> <p>Wendy</p>
3:00	ADJOURN	

